

Device for Adjusting a Camshaft of an Internal Combustion Engine of a Motor Vehicle

Abstract

A device for adjusting a camshaft of an internal combustion engine of a motor vehicle has a stator and a rotor fixedly connected to a camshaft and rotatable relative to the stator. A drive wheel is fixedly connected to the stator and is centered by the camshaft. The stator has a peripheral area provided with a centering element interacting with a counter element provided on the drive wheel for aligning the drive wheel in a rotational direction relative to the stator.